

State of Delaware  
Homeland Security Advisory Council  
Unmanned Aerial Vehicle (UAV) Subcommittee

Minutes

04/07/16

1330-1500

Delaware State Fire School, Room 7

Dover, DE 19901

**1. Welcome and Room Introductions**

- a. Meeting began at 1:31 PM. Dwayne Day led introductions around the room

**Present Voting Committee Members**

Dwayne Day	DelDOT
Jeff Streavel	Public Member

**Members Present by Proxy**

Jimmy Kroon	Department of Agriculture (Proxy for Secretary Kee)
Jerry Brennan	Delaware State Fire School
Eric Hamm	DSP Aviation
Wendy Hudson	Department of Safety and Homeland Security

**Present Non-Voting Committee Members**

Josh Thomas	DelDOT
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**Also Present**

Erin Coombs	Jacobs, DelDOT Consultant
Lisa Morris	DOJ

**Absent Voting Committee Members**

Charles Condon	DSP Aviation
Ray Holcomb	Department of Safety and Homeland Security
Edwin Kee	Department of Agriculture
Herbert Tanner	University of Delaware
Adam Ringle	Wilmington PD
Robert Newnam	Delaware State Fire School
Dallas Wingate	DNG

**Absent Non-Voting Committee Members**

Paul Huang	University of Delaware
Matthew Laick	Department of Safety and Homeland Security
Chris Marsh	DelDOT

**2. Approval of Previous Meeting's Minutes**

- a. Jimmy Kroon made a motion to accept the minutes. Motion was seconded by Jerry Brennan with no opposition. Motion passed and minutes from the last meeting were accepted.

**3. Old Business**

- a. HB 195 Status
- i. D. Day advised the group that on March 22, 2016 the bill came up for review. D. Day attended the session. There were a few questions however the decision was made to table

comments until after the release of the FAA Small UAS Bill. There were two amendments added regarding fuel storage facilities and electrical sites apart of the state's critical infrastructure and the second amendment had exceptions for application of UAVs for aerial mapping, delivering of cargo and image capturing.

- ii. On March 23, 2016 the FAA provided comments on HB 195 to DelDOT. There were comments on Section 1, Paragraph B. The FAA stated that HB 195 targets a specific entity and may have difficulties holding up in court. There was discussion about what is defined as private property versus being a part of the National Airspace. "Immediate reaches" are deemed as private property and anything beyond is a part of the National Airspace..

#### **4. New Business**

- a. There is a push to have committee members communicate the effectiveness and industry best practices for UAVs with state senators.
- b. UAS Task Force
  - i. J. Thomas provided an update on the UAS Task Force.
  - ii. The next meeting will be held April 21, 2016 and will also serve as a demonstration for state legislatures. Ryan Media Lab will be conducting the demonstration before the Task Force meeting during the break in legislative session. The demonstration flight will be held in the American Heart Association tent in front of Leg Hall.
  - iii. The Task Force is working to develop educational outreach materials ("Delaware Drone Guide"). Currently in 2<sup>nd</sup> Draft phase. The document provides resources and safety information. J. Thomas will finalize the document and send to D. Day to distribute to the committee.
- c. DelTech
  - i. Hosted "Drone Day" on March 14, 2016
  - ii. April 9<sup>th</sup> hosting indoor flight school
  - iii. "Intro to Drones" summer camp
- d. 333 Exemptions
  - i. FAA has raised the blanket height restrictions for operation to 400 feet above the ground from the original 200 feet. This is intended to save the FAA 30% of work effort in the COA approval process.
- e. DRBA
  - i. On April 5, 2016 the DRBA hosted a UAV bridge inspection demonstration testing at the Delaware Memorial Bridge. Initial plan was to use the Maverick UAV but due to weather conditions used a DJI Inspire. The Maverick can handle a heavier payload and subsequently a better camera than the DJI Inspire.
- f. DELMARVA Power
  - i. Planning a UAV powerline inspection demonstration.
- g. Virginia Beach PD & Aeryon Labs, Inc.
  - i. Eric Hamm attended a session at Virginia Beach PD with Aeryon Labs—a sUAS provider out of Ontario, Canada
  - ii. John Cogen of MAAP was also in attendance and will be reaching out to E. Hamm with additional information. Currently MAAP is working with NJIT to conduct training and research with the NJ office of Emergency Management
  - iii. MAAP currently has a nationwide COA that can be used by any of their partners and has produced a 14-step checklist for receiving a COA.
- h. S. 2658: FAA Reauthorization Act of 2016
  - i. Released by the Senate Commerce Committee
  - ii. UAS/Drone Safety and Innovation has been funded

- iii. Drone No Fly Zones – establishes process for restriction
- i. Homeland Security Advisory Council
  - i. D. Day briefed the HSAC on March 16, 2016.
  - ii. DRBA is developing standard operating procedures for law enforcement when encountering UAV usage around bridges and Delaware State Police plan to do the same.

**5. Conferences / Industry Events**

- a. D. Day shared articles on UAV happenings around the nation.
- b. J. Thomas shared that he will be participating in a Data Panel at the Unmanned Systems Institute Conference in Washington, DC June 14-16.
- c. J. Thomas attended the Airports Conference in Hershey, PA.

**6. Action, Recommendations & Research Items**

- a. D. Day – the committee will focus on how to respond to terroristic UAV attacks and after actions.
- b. E. Hamm – Upon Don Pope's upcoming retirement, DSP Aviation would like to add Paul Shavack in his place.

**7. Next Meeting—Thursday May 5, 2016 Room 7 at the Delaware State Fire School**

J. Kroon made a motion to adjourn the meeting which was seconded by J. Streavel—motion was carried.  
The meeting was adjourned at 3:00 pm.